

Practitioner's Docket No.: 283-299

**PATENT**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of: Robert C. Gardiner

Ser. No.: 09/854,756

Art Unit: 2131

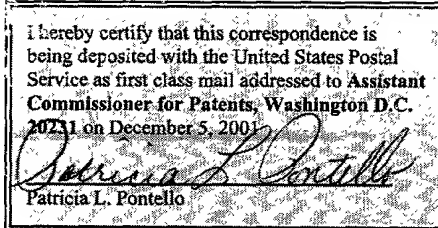
Filed: May 14, 2001

Examiner: Not Assigned

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Technology Center 2100

For: A PORTABLE KEYING DEVICE AND METHOD

Assistant Commissioner for Patents  
Washington DC 20231



**PRELIMINARY AMENDMENT**

Sir:

Prior to examination, Applicant wishes to preliminarily amend the subject application as follows:

**In the Claims:**

Please add the following claims:

--58. A method for installing an encryption key in at least one electronic terminal using a portable keying device, the at least one terminal including a secure encryption key memory location for storing the at least one data communications encryption key, the method comprising:

- a.) downloading an initial key into the portable keying device;
- b.) generating the encryption key in the portable keying device using a key generating algorithm.
- c.) performing a handshaking routine, whereby the portable keying device and the at least one electronic terminal exchange handshaking messages;
- d.) transmitting the encryption key from the portable keying device to the at least one electronic terminal; and

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e.) storing the encryption key transmitted from the portable keying device to the at least one electronic terminal in the secure key memory location.

59. The method of claim 58, wherein the at least one electronic terminal includes a plurality of electronic terminals, and step b.), step c.), step d.), and step e.) are performed to thereby install one encryption key in each electronic terminal of the plurality of electronic terminals.--

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**REMARKS**

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1. Substitute Specification:

The applicant is providing herewith a substitute specification under 37 C.F.R. § 1.125 because the nature of the amendment may render it difficult to print or copy. The substitute specification includes no new matter. The substitute specification is accompanied by a marked up version of the substitute specification that shows all of the changes to the specification of record.

As shown by the marked-up version of the specification, the following changes have been made: A paragraph reiterating claim 1 as originally filed has been inserted in the Summary of the Invention. It is noted that Figures 1-7 were originally filed in the application; however, only six Figures are described in the Brief Description of the Drawings. Thus, a brief description of Figure 4 as originally filed has been inserted in the Brief Description of the Drawings. The subsequent Figures (4A, 4B, 5, and 6) have been re-numbered as Figures 5A and 5B, Figure 6 and Figure 7 to reflect the numbering of the Figures as originally filed. In addition, these Figures have been re-numbered throughout the specification to reflect the numbering of the Figures as filed. Thus, no new matter has been added.

Other miscellaneous changes have been made to correct minor clerical and printing errors. For example, E2PROM was changed to E<sup>2</sup>PROM, and 15o was changed to 15°. "Angular directivity 2 was changed to angular directivity  $\theta$ . Thus, no new matter has been added.

Finally, a paragraph has been added to describe Figure 4, as originally filed. Figure 4 is a self-explanatory flow chart. The added paragraph is merely a verbal description of the steps shown in Figure 4. Again, no new matter has been added.

2. Claims:

New claims 58 and 59 have been herein added. Support for new claims 58 and 59 can be found in Figures 3 and 4 as originally filed. Additional support can be found on page 6 - page 7 in the specification as originally filed.

If the Examiner believes that contact with applicant's attorney would be advantageous toward the disposition of this case, he is herein requested to call applicant's attorney at the phone number noted below.

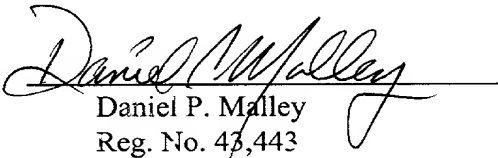
The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-0289.

Respectfully submitted,

WALL MARJAMA & BILINSKI, LLP

Dated: December 5, 2001

By:

  
Daniel P. Malley  
Reg. No. 43,443

DPM/pp

Customer No.:   
20874

PATENT TRADEMARK OFFICE

Telephone: (315) 425-9000

Facsimile: (315) 425-9114